You need: a classmate

## **Maths Words**

A sum is found by adding two or more numbers together. (These numbers are called addends.)

$$4 + 2 = 6$$
Addends sum

A product is the result of multiplying two or more numbers together. (These numbers are called factors.)

$$4 \times 2 = 8$$
 factors product



Sonya's teacher gives her some problems to solve. He tells her that to solve each problem, she needs to find which two numbers make a given sum and product.

Sonya tries to solve the first problem.

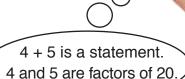
The sum is 8, and the product is 15:

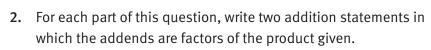
$$\square + \square = 8$$
  $\square \times \square = 15$ 

She tries these numbers:

- 6 and 2: 6 + 2 = 8, and  $6 \times 2 = 12$ , so 6 and 2 are wrong.
- $\blacksquare$  4 and 4: 4 + 4 = 8, and 4 x 4 = 16, so 4 and 4 are wrong.
- $\blacksquare$  3 and 5: 3 + 5 = 8, and 3 x 5 = 15. It works!
- 1. Find numbers that make these sums and products:

	Sum	Product
a.	5	4
b.	7	10
c.	7	12
d.	8	12
e.	10	16
f	12	35





For each statement, give the sum and product equations.

- **a.** 24
- **b.** 30
- **c.** Write a sum and product problem for a classmate to solve.

"Find my two numbers. Their sum is \_\_\_\_\_. Their product is \_\_\_\_

3. Find two numbers whose sum is larger than their product.